

PERMIT APPLICATION: NRS #06-059

APPLICANT: Robert Stoker, Assistant Vice-President
Wal-Mart East, L.P
2001 SE 10TH Street
Sam Walton Development Center
Bentonville, Arkansas
(479) 273-4000

LOCATION: Cumberland River Mile 308.8 Right Bank; South of State Highway 53/25 By-Pass and southeast of Myers Bottom Road, Carthage, Smith County.

WATERSHED DESCRIPTION: The surrounding area is primarily agricultural. Three distinct wetlands areas are proposed to be impacted. The first is a former pond surrounded by red maple, black willow, buttonbush and various wet herbaceous species. Second one is a recently farmed scrub-shrub wetland and the third area consists of a forested wetland dominated by sugarberry, boxelder, and American elm.

PROJECT DESCRIPTION: The applicant proposes to fill in approximately 1.04 acres of jurisdictional wetland in order to develop a Wal-Mart Supercenter. on a 13.2 acre tract located southeast of Carthage.

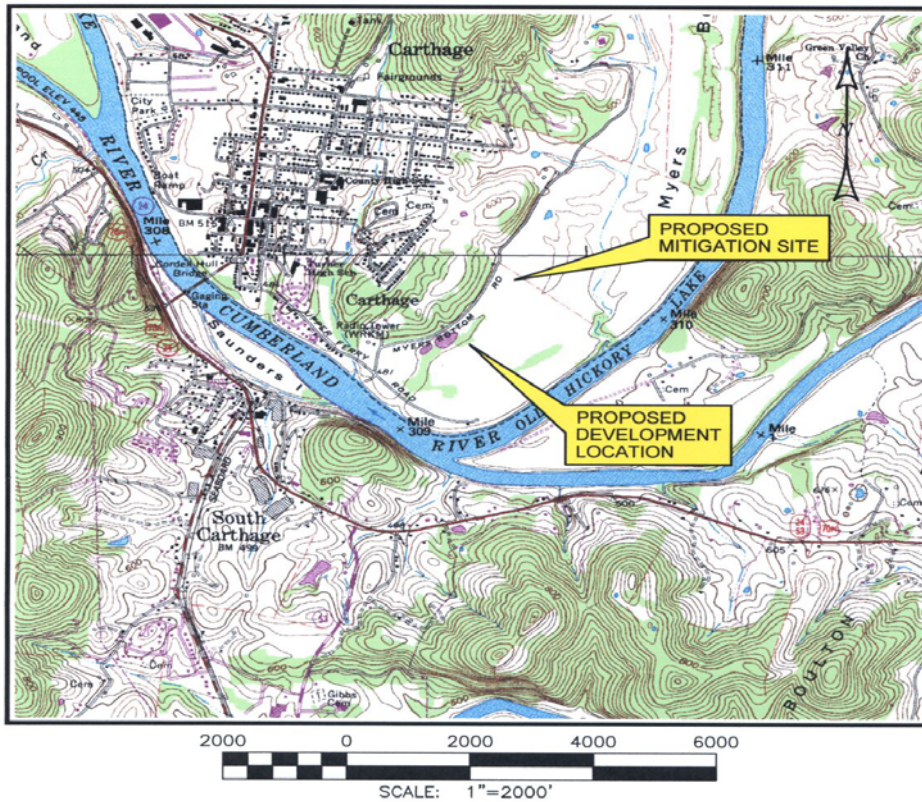
These proposed wetland impacts will be mitigated at a 3.5 acres site adjacent to the project area. The tract consists of Norene hydric soil that has undergone past hydrological modifications to facilitate drainage. Due to the protracted period since agricultural activities have occurred the site is reverting back to wetland. In order to facilitate this process it is proposed that a water control structure be placed at a location shown in Figure 3, removal of the side cast material deposited as a result of pond excavation, construction of a shallow berm along the north and northeast boundaries and the diversion of the spring back into the wetland area. 400 stems per acres of pin oak, willow oak and red maple will be planted.

The site will be monitored for five years with a 75% survival rate of trees. The mitigation site will be placed under the division's Land Use Restrictions.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Carthage 221 SW; Gordonsville 322 NW
36 14.723' 85 56.379'



Taken from: U.S.G.S.
7.5 Minute Series (Topographic)
Carthage/Gordonville Quadrangles
Photorevised 1979 / 1986

**GRIGGS & MALONEY
INCORPORATED**
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FILE NAME: G:\Enviro\Active\677\677-04 Fig 1 Location-Topo.dwg

Figure 1
Site Location Map
Wetland Permitting and Mitigation
Carthage Wal-Mart
Carthage, Tennessee
Project No. 677-04 February, 2006

TENNESSEE STATE HIGHWAY # 53/25 (BYPASS) (VARIABLE WIDTH R/W)

PROPOSED TRAFFIC SIGNAL

AREA A UPLAND CONTROL

AREA B DELINEATED WETLAND 6,919 SQ. FT. 0.16 ACRES

AREA C DELINEATED WETLAND 16,539 SQ. FT. 0.39 ACRES

AREA D DELINEATED WETLAND 2,787 SQ. FT. 0.49 ACRES

WAL-MART CR-88-SOL-C/L 104,940 SF (INCL. GAS) FTE: 438.00

OUTLOT #1 1.38 +/- AC.

SMA POND

REGULAR CITY OFFICE FOR BRIDGE

ADJACENT PARKING LOT BRIDGE

PROPOSED WAREHOUSE NEW OF CONSTRUCTION PER US DEED WHITE

EXIST. ROAD ELEVATION 440.00

AREA	CLASSIFICATION	SIZE
A	UPLAND (Control)	N/A
B	WETLAND (Hydrologically Isolated)	0.16 Acres
C	WETLAND (Hydrologically Isolated)	0.39 Acres
D	WETLAND (Hydrologically Connected)	0.49 Acres

*Combined River connection by culverts, floodable channel

PROJECT NO. 677-04

FIGURE 2 JURISDICTIONAL WETLAND LOCATIONS AND IMPACT AREAS

Wal-Mart Store #568-03 Carthage, Tennessee

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